D10S1432   D10S1717   D10S1687                    D10S1143        D10S677
   D10S1689      D10S1644              D10S1739              D10S2470

      1.1      0.5     1.1        2.1          1.6          1.7

Figure 1

D19Mit39
D19Mit57

1.8

CTGACTATGAGAAACCTGAAACNCCAGAGTGTG
TGCTGAAGACCAACCTGTCTTCAGTAAGCGACT
GTGTGCAACAGGTGGTGGAACTTTTGCAGGAGC
AG gtaggagggtggttcttgccagtgtgttca
(gt)₁₅ gcgtgtgcatgtgtgtgtgcatgtgtg
tgtgcgtgtgcatgtgtgtgtgttgaaagataat
ctgagtttctttattccctggccaatctcagtaa
ctattgccaatttcgtttcccacag AACATTGT
ACCCCACACCACCATNAAAGGCATCCACGAACTC
TTTGTGCCAG

D19Mit135
0.3          D19Mit13
0.4          D19Mit64

Figure 2

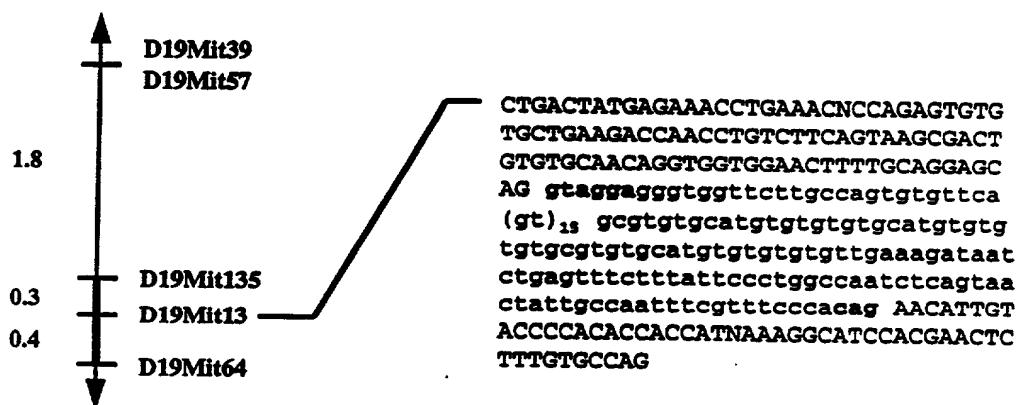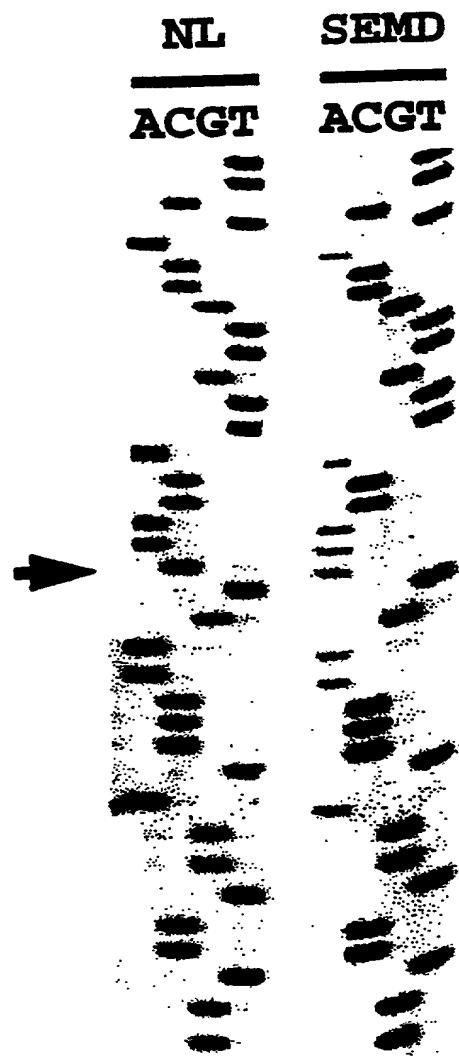|          | NL | SEMD |
|----------|------|------|
|          | ACGT | ACGT |

normal ...GAT CCC AAG TCA ACC ATT...
　　　　　　 D 　 P 　 K 　 S 　 T 　 I

SEMD 　 ...GAT CCC AAG TAA ACC ATT...
　　　　　　 D 　 P 　 K 　 X

Figure 3

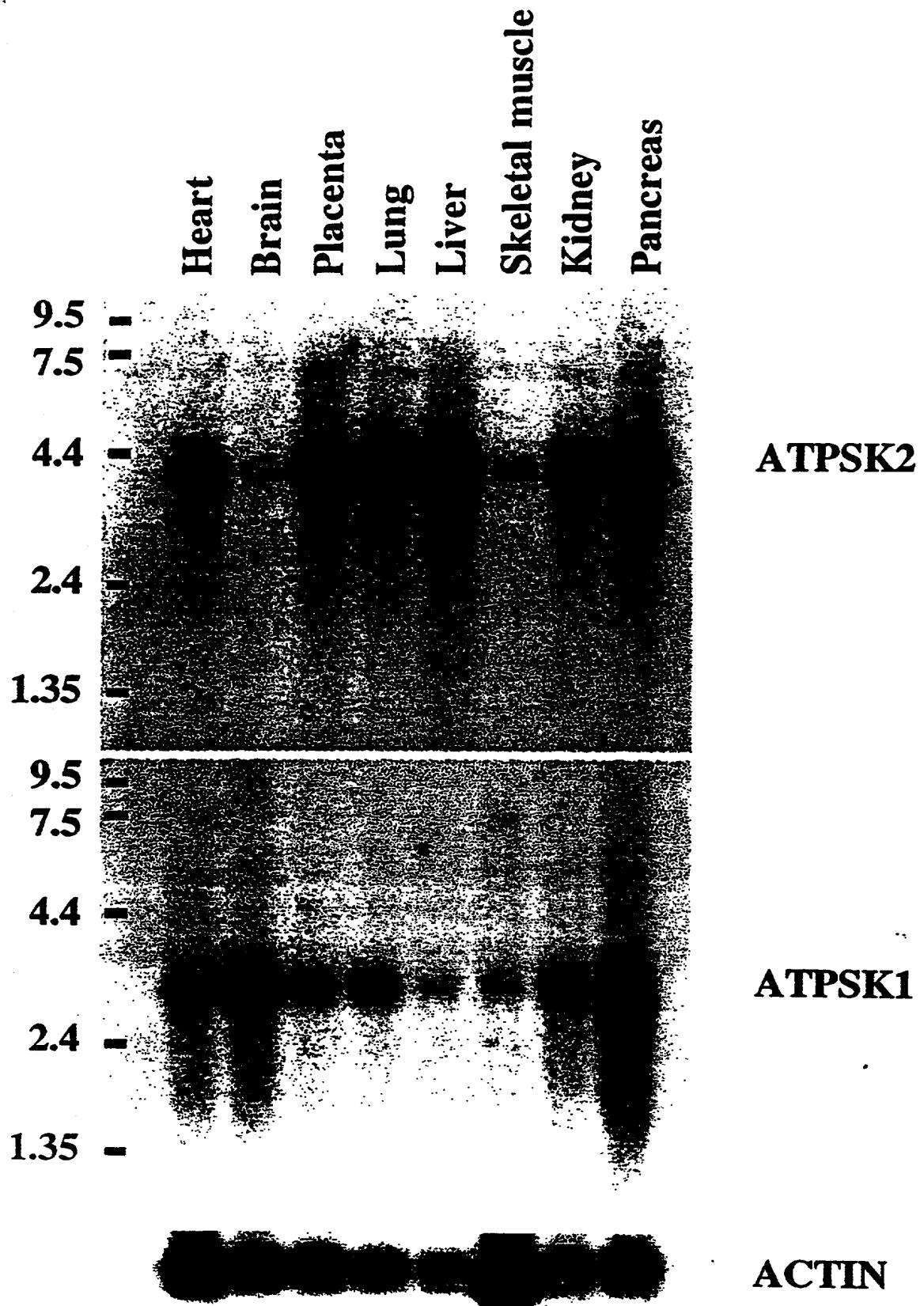Figure 4